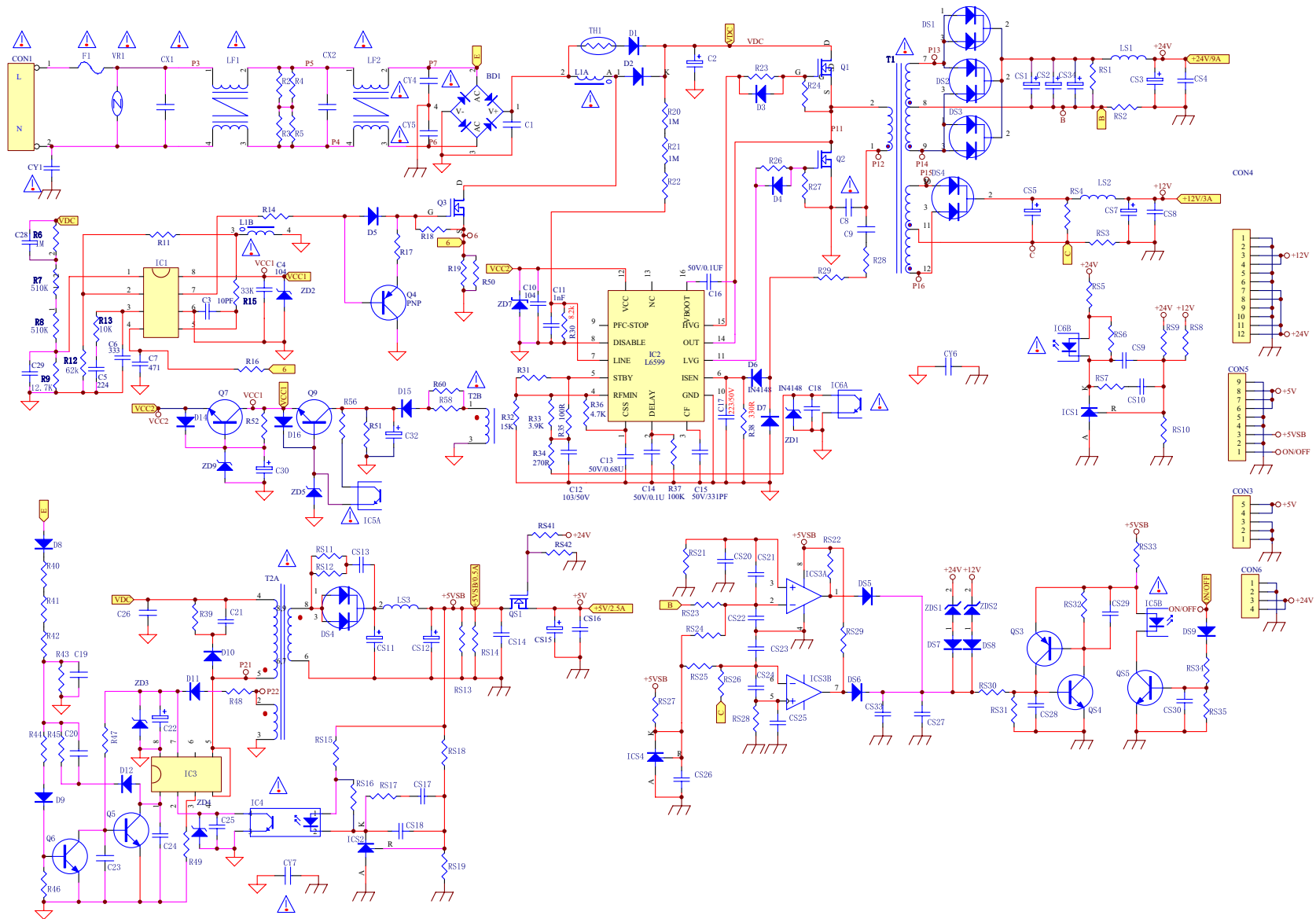


POWER SUPPLY UNIT



Parts List of AC Power Supply Unit

	Description	Contents	Cct Number
	Thermistor	NTC SCK15037MIY 3Ω M 7A Φ15	TH1
⚠	Bridge Resistor	RI81 8.2M 1/2W J	R1
⚠	Surge Varistor	TVR14561K	VR1
	Resistor	5mΩ 8A J	RS2,RS3
	Resistor	WW 0.1R 3W J	R19,R50
	Resistor	MF 100K 2W F S	R39
	Resistor	MF 1K 2W F	RS1,RS4
	Resistor	MF 330Ω 1/8W F	R16,RS26
	Resistor	MOF 1.2R 2W J	R49
	Resistor	MF 15K 1/8W F	RS22
	Resistor	MF 390K 1/4W F	R47
	Resistor	MF 750R 1/8W F	RS23
⚠	Fuse	TSC T 5AH/250VAC	F1
⚠	Capacitor	Class-X2 334/275VAC	CX1
⚠	Capacitor	Class-X2 474/275VAC	CX2
⚠	Capacitor	Class-Y1 102/250VAC	CY7
⚠	Capacitor	Class-Y1 471/250VAC	CY4,CY5,CY6,CY1
	Capacitor	220uF/450V 105°C M GP	C2
	Capacitor	22UF/50V 105°C M GP	C30,C32
	Capacitor	47UF/50V 105°C M GP	C22
	Capacitor	470UF/35V 105°C M LR	CS3
	Capacitor	1000UF/16V 105°C M EL	CS11
	Capacitor	1500UF/16V 105°C M EL	CS5
	Capacitor	470UF/16V 105°C M GP	CS7,CS12,CS15
	Capacitor	1000uF/35V 105°C M LR	CS1,CS2,CS34
	Capacitor	MMX 105/450VDC K	C1
⚠	Capacitor	P-Coat, CP-900, MPS 333/1000VDC	C8
	Capacitor	MMC 104/450VDC K	C28
	Capacitor	CERAMIC Y5P 102/1KV K	CS13,C21
	Capacitor	CERAMIC Y5P 221/1KV K	C9
	Diode	1N4148 0.15A/75V DO-35 ST	DS9
	Bridge Rectifier	D15XB60 15A/600V	BD1
	Diode	1N4007 1A/1000V DO-41 HY	D15
	Diode	FSU10A60 10A/600V TO-220	D2
	Diode	FR107 1A/1000V DO-41 HY	D8,D10
	Diode	BYV26C 1A/600V DO-41 ST	D11
	Diode	MUR460 4A/600V DO-201AD ON	D1
	Diode	FCH20A10/FCH20U10 20A/100V TO-220	DS1,DS2
	Diode	FCH20A06 20A/60V TO-220	DS3,DS4
⚠	Opto-Coupler	PC817	IC4,IC5,IC6
	IC	FSCKA431A 1% TO-92	ICS1,ICS2,ICS4
	IC	PWM+MOSFET ICE3B0565 PG-DIP-8-6	IC3
	Transistor	NPN H2N3904 0.2A/40V TO-92 HEF100-300	Q7,Q9
	Transistor	N STW21NM50N 18A/500V 0.15Ω TO-247	Q10
	Transistor	N 2SK3568 12A/500V 0.4Ω SC-67	Q1,Q2
⚠	Main Transformer	BCK-50-430D	T1
⚠	Main Transformer	BCK-25-0144	T2
⚠	Line Filter	JLC4259	L1
⚠	Line Filter	JLB2898	LF1,LF2
	Line Filter	JLC0510	LS1

	Description	Contents	Cct Number
	Line Filter	JLC0421	LS2,LS3
⚠	AC Connector	5P Connector (3 pins NC) CQ3961P0500TNC	CON1
	DC Connector	5P Connector CQ2501P0500T	CON3
	DC Connector	12P Connector CQ2501P1200T	CON4
	DC Connector	9P Connector CQ2501P0900T	CON5
	DC Connector	4P Connector CQ2501P0400T	CON6
	Resistor	820K 1/8W 200V J 1206	R2,R3,R4,R5
	Resistor	10K 1/8W 200V J 1206	R24,R27,R53
	Resistor	47Ω 1/8W 200V J 1206	R23,R26
	Resistor	10Ω 1/8W 200V J 1206	R14
	Resistor	22Ω 1/8W 200V J 1206	R17,R48
	Resistor	4.7Ω 1/8W 200V J 1206	R58,R60
	Resistor	100K 1/8W 200V J 1206	R12
	Resistor	33K 1/8W 200V J 1206	R29
	Resistor	100Ω 1/8W 200V J 1206	RS11,RS12
	Resistor	470Ω 1/8W 200V J 1206	RS13,RS14
	Resistor	22K 1/8W 200V F 1206	R15
	Resistor	680K 1/8W 200V J 1206	R6,R7,R8,R20,R21,R22
	Resistor	1M 1/8W 200V J 1206	R40,R41,R42
	Resistor	1.2M 1/8W 200V J 1206	R43
	Resistor	1K 1/8W 200V J 1206	RS30,R56
	Resistor	3K 1/8W 200V F 1206	RS34,RS41
	Resistor	0Ω 1/8W 200V J 1206	J1,J3,JS1
	Resistor	15K 1/8W 200V J 1206	R28
	Resistor	5.1K 1/8W 200V J 1206	RS42
	Resistor	5.6k 1/8W 200V J 1206	R52
	Resistor	13K 1/8W 200V F 1206	R9
	Resistor	20K 1/8W 200V F 1206	RS24
	Resistor	330K 1/8W 200V F 1206	R11
	Resistor	100Ω 1/10W 150V J 0805	R31,R35
	Resistor	16K 1/10W 150V F 0805	RS8
	Resistor	220Ω 1/10W 150V J 0805	RS28
	Resistor	8.2k 1/10W 150V F 0805	R30
	Resistor	15K 1/10W 150V J 0805	RS29,R32
	Resistor	330Ω 1/10W 150V J 0805	RS21,R34,R38
	Resistor	4.7K 1/10W 150V F 0805	RS16
	Resistor	3K 1/10W 150V F 0805	RS6,RS18,RS19
	Resistor	390K 1/10W 150V J 0805	R45
	Resistor	1K 1/10W 150V J 0805	RS33
	Resistor	6.2K 1/10W 150V F 0805	RS5
	Resistor	3.3K 1/10W 150V J 0805	R36
	Resistor	33K 1/10W 150V F 0805	RS9
	Resistor	10K 1/10W 150V J 0805	RS7,R13,RS17,RS31,RS32
	Resistor	2K 1/10W 150V F 0805	RS10,RS27,R33,RS35
	Resistor	100K 1/10W 150V J 0805	R37,R44
	Resistor	68K 1/10W 150V F 0805	R46
	Resistor	47K 1/10W 150V J 0805	R51
	Resistor	560Ω 1/10W 150V F 0805	RS15
	Resistor	18K 1/10W 150V F 0805	RS25
	Capacitor	X7R 105/25V K 0805	C13,C19,C20,CS27,CS33
	Capacitor	X7R 474/25V K 0805	C5,C23,C24
	Capacitor	X7R 103/50V K 0805	C12,C14,C18

	Description	Contents	Cct Number
	Capacitor	X7R 473/50V K 0805	C6
	Capacitor	X7R 223/50V K 0805	C17
	Capacitor	NPO 331/50V J 0805	C7,C15
	Capacitor	X7R 224/25V K 0805	CS18
	Capacitor	X7R 104/50V K 0805	C4,C10,C11,C16,C29,CS4,CS8,CS9,CS10,CS14,CS16,CS17,CS20,CS21,CS22,CS23,CS24,CS25,CS26,CS28,CS29,CS30
	Capacitor	X7R 102/50V K 0805	C25
	Capacitor	X7R 10/50V K 0805	C3
	Transistor	PNP MMBT3906LT1G	QS3,Q4
	Transistor	NPN MMBT3904LT1G	QS4,QS5,Q5,Q6
	Diode	LS4148 0.15A/100V LS-34	D3,D4,D5,D6,D7,D9,D12,D14,D16,DS5,DS6,DS7,DS8
	Diode	ZMM20HSC 0.5W 19.52-20.45 LL-34 ST	ZD3
	Diode	ZMM13V 0.5W 12.4-14.1V LL-34 ST	ZD1,ZDS2,ZD4,ZD9
	Diode	ZMM27HSD 0.5W 26.29-27.64V LL-34 ST	ZDS1
	Diode	ZMM16V 0.5W 15.3-17.1V LL-34 ST	ZD5
	Transistor	N 2SK3919 64A/25V 0.0056Ω TO-252	QS1
	IC	COMPARATORS LM393DR2G SOIC-8 ON	ICS3
	IC	CONTROLLER L6599D SO-16N ST	IC2
	IC	PFC FAN7530MX 8-SOP Fairchild	IC1